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American Petroleum Institute
1220 L Street, Northwest
Washington, D.C. 20005

weekly statistical bulletin

FINANCE, ACCOUNTING AND STATISTICS DEPARTMENT
VOL. 70 For Week Ended November 17, 1989 NO. 46

SUMMARY*

(In Thousands of 42-gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

	Current Week Ending: 11/17/89	Last Week Ending: 11/10/89	Last Year Week Ending: 11/18/88	Change From Last Week	Change From Last Year
Refinery Operations					
Input to crude oil distillation units	13,402	13,299	13,242	103	160
Operable capacity	15,576	15,576	15,922	0	-346
Percent operated	86.0	85.4	83.2		
Motor Gasoline					
Total motor gasoline production	6,962	6,803	6,949	159	13
Finished leaded motor gasoline production	569	518	1,226	51	-657
Finished unleaded motor gasoline production	6,393	6,285	5,723	108	670
Total motor gasoline stocks	223,456	218,340	217,981	5,116	5,475
Finished leaded motor gasoline stocks	18,433	18,838	38,630	-405	-20,197
Finished unleaded motor gasoline stocks	165,670	160,114	142,623	5,556	23,047
Jet Fuel Kerosine					
Jet fuel kerosine production	1,274	1,228	1,103	46	171
Jet fuel kerosine stocks	44,118	44,279	39,649	-161	4,469
Distillate Fuel Oil					
Distillate fuel oil production	2,955	2,978	2,913	-23	42
Distillate fuel oil stocks	119,264	122,400	125,882	-3,136	-6,618
Residual Fuel Oil					
Residual fuel oil production	1,079	1,110	881	-31	198
Residual fuel oil stocks	51,894	49,860	40,492	2,034	11,402
Imports					
Crude oil imports	5,990	5,862	4,971	128	1,019
Product imports	2,566	1,832	3,349	734	-783
Crude Oil Stocks					
Crude oil stocks	348,943	347,657	343,507	1,286	5,436
Crude Supply Balance	192				

*See definitions on page 6.

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U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Refinery Input	Crude Oil Runs to Distillation Units	Input to Crude Oil Distillation Units	Operable Capacity	% Operated
East Coast	1,417	1,275	1,275	1,325	96.2
Appal. No. 1	106	99	99	109	90.8
DISTRICT 1 TOTAL	1,523	1,374	1,374	1,434	95.8
Ind., Ill., Ky.	1,867	1,719	1,720	2,198	78.3
Minn., Wisc., Daks.	340	335	336	337	99.7
Okla., Kans., Mo.	661	594	608	730	83.3
DISTRICT 2 TOTAL	2,868	2,648	2,664	3,265	81.6
Inland Texas	555	495	495	555	89.2
Texas Gulf Coast	3,411	3,073	3,089	3,477	88.8
La. Gulf Coast	2,694	2,447	2,456	2,938	83.6
N. La. and Ark.	145	125	125	247	50.6
New Mexico	82	74	75	76	98.7
DISTRICT 3 TOTAL	6,887	6,214	6,240	7,293	85.6
DISTRICT 4 TOTAL	502	466	466	546	85.3
DISTRICT 5 TOTAL	2,782	2,642	2,658	3,038	87.5
TOTAL U.S.	14,562	13,344	13,402	15,576	86.0
TOTAL U.S. Weeks Ended:					
NOV. 10, 1989	14,699	13,136	13,299	15,576	85.4
NOV. 18, 1988	14,306	13,055	13,242	15,922	83.2
DISTRICTS 1-4 Weeks Ended:					
NOV. 17, 1989	11,780	10,702	10,744	12,538	85.7
NOV. 10, 1989	11,991	10,598	10,664	12,538	85.1
NOV. 18, 1988	11,694	10,507	10,641	12,691	83.8

API WEEKLY STATISTICAL BULLETIN

Week Ended November 17, 1989

U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[2]	Residual Fuel Oil
East Coast	651*	--	651*	12	65	382	93
Appal. No. 1	40	4	36	--	--	34	4
DISTRICT 1 TOTAL	691*	4	687*	12	65	416	97
Ind., Ill., Ky.	1,108	30	1,078	24	81	418	47
Minn., Wisc., Daks.	187	21	166	1	20	81	10
Okla., Kans., Mo.	363	75	288	17	49	141	8
DISTRICT 2 TOTAL	1,658	126	1,532	42	150	640	65
Inland Texas	238	41	197	25	33	117	9
Texas Gulf Coast	1,621	49	1,572	43	317	643	241
La. Gulf Coast	1,280	59	1,221	32	311	542	192
N. La. and Ark.	42	2	40	6	1	39	9
New Mexico	49	14	35	9	2	17	1
DISTRICT 3 TOTAL	3,230	165	3,065	115	664	1,358	452
DISTRICT 4 TOTAL	259	78	181	23	32	120	9
DISTRICT 5 TOTAL	1,124	196	928	44	363	421	456
TOTAL U.S.	6,962	569	6,393	236	1,274	2,955	1,079
TOTAL U.S. Weeks Ended:							
NOV. 10, 1989	6,803*	518	6,285*	209	1,228	2,978	1,110
NOV. 18, 1988	6,949	1,226	5,723	234	1,103	2,913	881
DISTRICTS 1-4 Weeks Ended:							
NOV. 17, 1989	5,838	373	5,465	192	911	2,534	623
NOV. 10, 1989	5,653*	283	5,370*	159	889	2,557	642
NOV. 18, 1988	5,805	935	4,870	163	822	2,459	536

[1]Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.

[2]Includes Grade No. 4 fuel oil.

* See Revisions on Page 7.

STOCKS OF SELECTED PRODUCTS
(In thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline			Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil	Unfinished Oils
		Finished Leaded	Finished Unleaded	Blending Components	Naphtha Type	Kerosine Type			
New England	4,633	22	4,611	--	123	524	7,295	1,012	--
Central Atlantic	29,098	147	24,357	4,594	801	5,152	30,287	20,786	14,187
Lower Atlantic	31,640	1,400	30,004	236	279	5,889	15,377	3,108	513
DISTRICT 1 TOTAL	65,371	1,569	58,972	4,830	1,203	11,565	52,959	24,906	14,700
DISTRICT 2 TOTAL	57,862	6,822	43,649	7,391	874	8,649	27,180	3,014	18,754
DISTRICT 3 TOTAL	63,538	3,031	43,841	16,666	2,126	16,532	26,381	14,708	52,070
DISTRICT 4 TOTAL	6,646	1,737	3,229	1,680	379	728	2,562	445	2,498
DISTRICT 5 TOTAL	30,039	5,274	15,979	8,786	1,284	6,644	10,182	8,821	25,067
TOTAL U.S.	223,456	18,433	165,670	39,353	5,866	44,118	119,264	51,894	113,089
TOTAL U.S. Weeks Ended:									
NOV. 10, 1989	218,340	18,838	160,114	39,388	6,232	44,279	122,400	49,860	112,134
NOV. 18, 1988	217,981	38,630	142,623	36,728	6,368	39,649	125,882	40,492	110,955
DISTRICTS 1-4 Weeks Ended:									
NOV. 17, 1989	193,417	13,159	149,691	30,567	4,582	37,474	109,082	43,073	88,022
NOV. 10, 1989	188,731	12,805	144,330	31,596	4,605	37,780	112,546	41,451	87,121
NOV. 18, 1988	188,708	32,325	127,560	28,823	4,389	32,903	114,492	32,179	83,112

[1]Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.
[2]Includes Grade No. 4 fuel oil.

WEEKLY STATISTICAL BULLETIN
Week Ended November 17, 1989

ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS, CRUDE OIL SUPPLY BALANCE AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

Weeks Ended:	Estimated Domestic Production[1] API Monthly	Estimated Domestic Production[1] Latest Dept. of Energy June 1989	Crude Oil Imports[1] Total	Crude Oil Imports[1] From Canada	Crude Oil Stocks By Location[1]
	Daily Average				
DISTRICTS 1-4 TOTAL					
NOV. 17, 1989	4,551.0	4,691.0	5,613	488	266,815
NOV. 10, 1989	4,551.0	--	5,649	492	265,013*
NOV. 3, 1989	4,577.0	--	5,655	464	265,667
OCT. 27, 1989	4,577.0	--	6,636	572	261,921
DISTRICT 5 TOTAL					
NOV. 17, 1989	2,928.0	2,869.0	377	6	82,128 #
NOV. 10, 1989	2,928.0	--	213	9	82,644
NOV. 3, 1989	2,892.0	--	366	6	75,709
OCT. 27, 1989	2,892.0	--	308	15	83,442
TOTAL U.S.					
NOV. 17, 1989	7,479.0	7,560.0	5,990	494	348,943 #
NOV. 10, 1989	7,479.0	--	5,862	501	347,657*
NOV. 3, 1989	7,469.0	--	6,021	470	341,376
OCT. 27, 1989	7,469.0	--	6,944	587	345,363
NOV. 18, 1988	8,023.0 a/	--	4,971	680	343,507

#INCLUDES 21,248 BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.

a/ DOE actual for November 1988.

DAILY AVERAGE CRUDE OIL SUPPLY BALANCE[1] (In thousands of 42-gallon barrels)

Week Ended:	Current	1988 Averages Absolute	1988 Averages Positive	1988 Averages Negative
NOV. 17, 1989	192	445	472	-372

LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

Location	District 1	District 2	District 3	District 4	Districts 1-4	District 5	Total U.S.
Weeks Ended:							
NOV. 17, 1989	15,381	75,350	164,122	11,962	266,815	82,128 #	348,943 #
NOV. 10, 1989	13,536*	75,156*	164,449*	11,872	265,013*	82,644	347,657*
NOV. 18, 1988	16,573	69,991	164,054	12,043	262,661	80,846	343,507

[1]See definitional notes, Page 6.

* See Revisions on Page 7.

IMPORTS OF PETROLEUM PRODUCTS
(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Gasoline[2] Blending Components	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[3]	Residual Fuel Oil	L.P.G.	Unfinished Oils	Other	Total
New England	72	--	72	--	--	--	119	147	2	--	--	340
Central Atlantic	252	--	252	107	--	--	127	647	16	153	29	1,331
Lower Atlantic	53	--	53	--	--	14	7	61	--	--	--	135
DISTRICT 1 TOTAL												
NOV. 17, 1989	377	--	377	107	--	14	253	855	18	153	29	1,806
NOV. 10, 1989	261	--	261	--	--	11	333	294	27	121	69	1,116
NOV. 3, 1989	489	--	489	122	--	19	296	404	18	143	11	1,502
OCT. 27, 1989	295	--	295	117	--	27	195	696	6	75	8	1,419
DISTRICTS 2-4 TOTAL												
NOV. 17, 1989	5	--	5	72	--	12	40	27	111	242	129	638
NOV. 10, 1989	39	--	39	--	46	9	14	9	155	354	51	677
NOV. 3, 1989	44	--	44	28	4	20	40	17	217	237	78	685
OCT. 27, 1989	5	--	5	62	4	19	8	24	160	178	70	530
DISTRICT 5 TOTAL												
NOV. 17, 1989	15	--	15	12	--	--	3	45	6	39	2	122
NOV. 10, 1989	12	--	12	--	--	--	2	8	6	9	2	39
NOV. 3, 1989	21	--	21	9	--	20	3	10	9	2	--	74
OCT. 27, 1989	19	--	19	9	--	2	1	56	8	29	--	124
TOTAL U.S.	397	--	397	191	--	26	296	927	135	434	160	2,566
TOTAL U.S. Weeks Ended:												
NOV. 10, 1989	312	--	312	--	46	20	349	311	188	484	122	1,832
NOV. 3, 1989	554	--	554	159	4	59	339	431	244	382	89	2,261
OCT. 27, 1989	319	--	319	188	4	48	204	776	174	282	78	2,073
NOV. 18, 1988	753	13	740	96	3	101	411	858	361	533	233	3,349

[1]Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.
[2]Gasoline blending components are not included in total motor gasoline imports.
[3]Includes Grade No. 4 fuel oil.

DEFINITIONAL NOTES

Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the components stocks equals total motor gasoline stocks.

Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subsequent date as more current information is received.

Crude Oil Imports

Crude oil (includes lease condensate) produced outside the 50 states. Material from the Athabasca tar sands is included.
Reported on a Port of Entry basis.
The Total of crude oil imports includes those from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

Crude Supply Balance

Crude Supply Balance is the arithmetic difference, expressed in MB/D, between those factors that make up the availability of crude oil (Supply), i.e., estimated domestic crude oil production plus imports plus or minus the change in crude oil stocks, and those factors that convert or consume crude oil (Disposition), i.e., crude oil refinery inputs, exports, product supplied (used directly as fuel) and losses. A negative volume indicates a supply greater than disposition while a positive number indicates insufficient supply to balance.

Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but included shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorous per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Finance, Accounting and Statistics Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE, Petroleum Supply Annual.

API STATISTICAL BULLETIN
WEEK ENDED: NOV. 17, 1989

REVISIONS

11/10/89	PAGE 2	TOTAL MGAS	EAST COAST	694
			DISTRICT 1 TOTAL	733
			TOTAL U.S.	6,803
			DISTRICTS 1-4	5,653
		UNLEADED MGAS	EAST COAST	692
			DISTRICT 1 TOTAL	728
			TOTAL U.S.	6,285
			DISTRICTS 1-4	5,370
	PAGE 4 T	CRUDE OIL STOCKS	DISTRICTS 1-4 TOTAL	265,013
			TOTAL U.S.	347,657
	PAGE 4 B	TOTAL	PAD DISTRICT 1	13,536
			PAD DISTRICT 2	75,156
			PAD DISTRICT 3	164,449
			TOTAL PAD DISTRICTS 1-4	265,013
			TOTAL U.S.	347,657